

FIG. 1

FRICTION COEFFICIENT

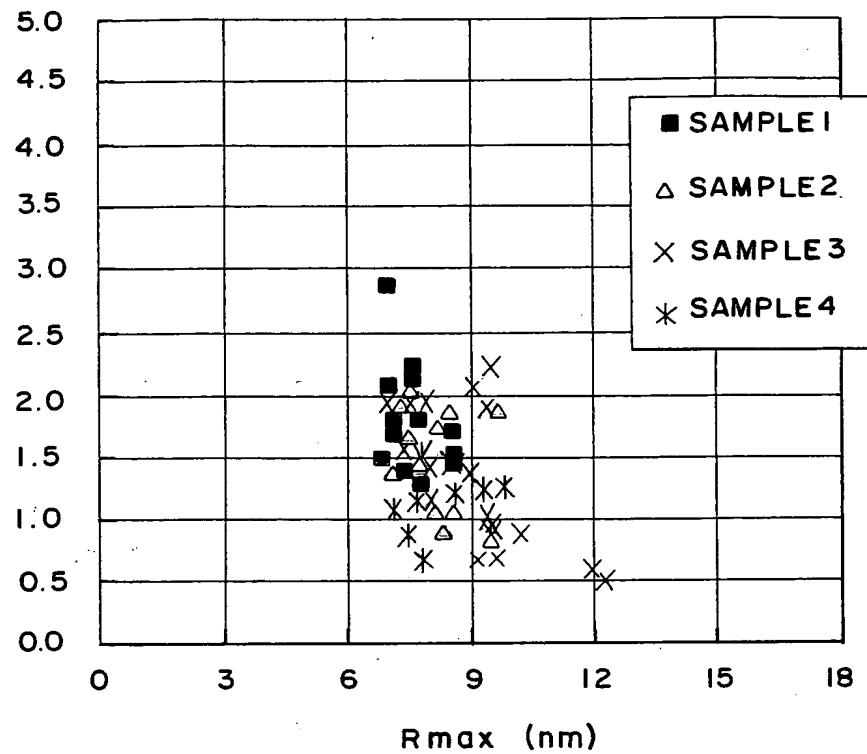


FIG. 2

FRICTION COEFFICIENT

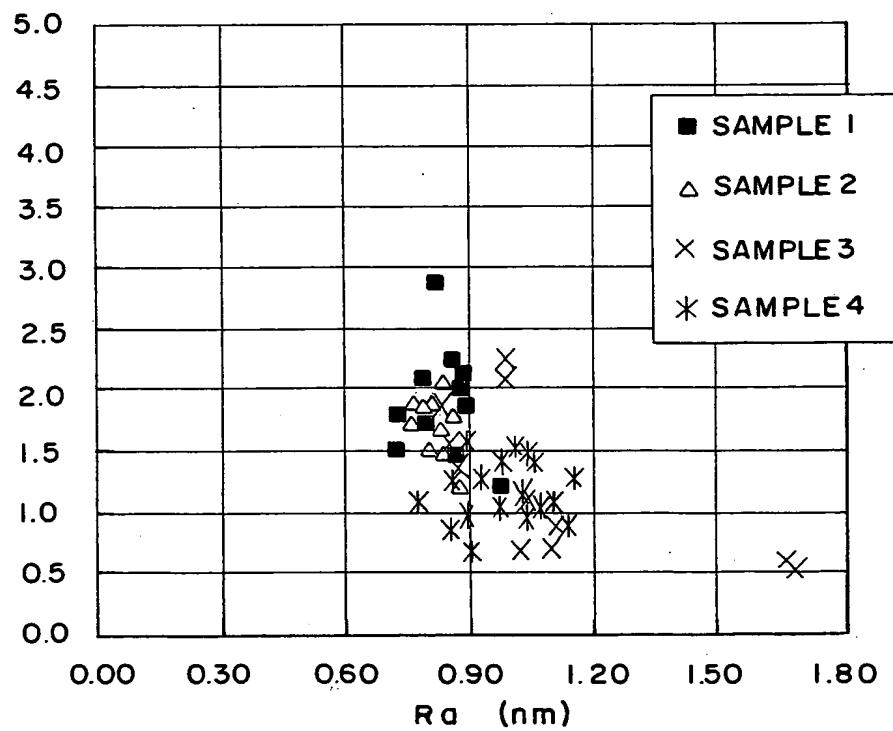


FIG. 3

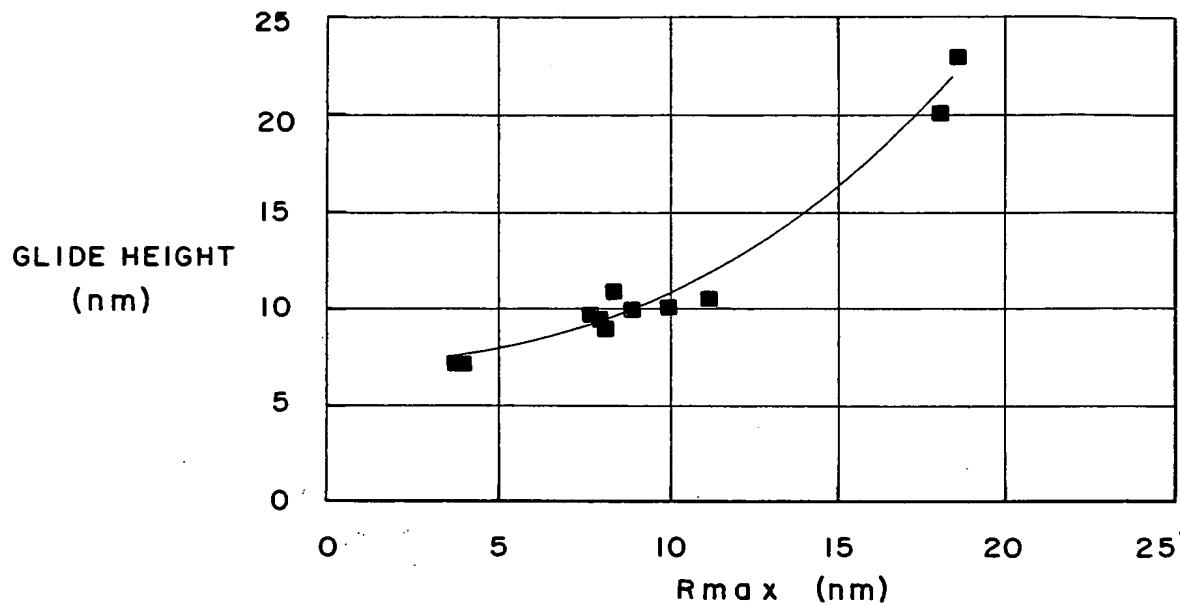


FIG. 4

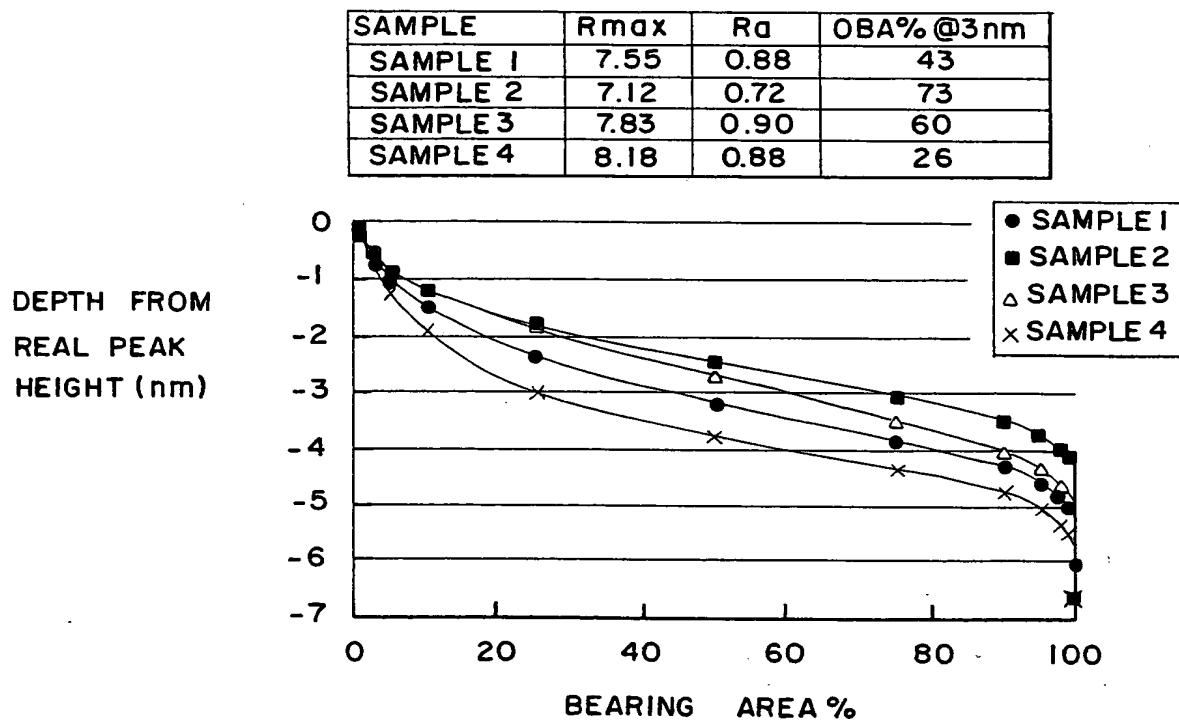


FIG.5

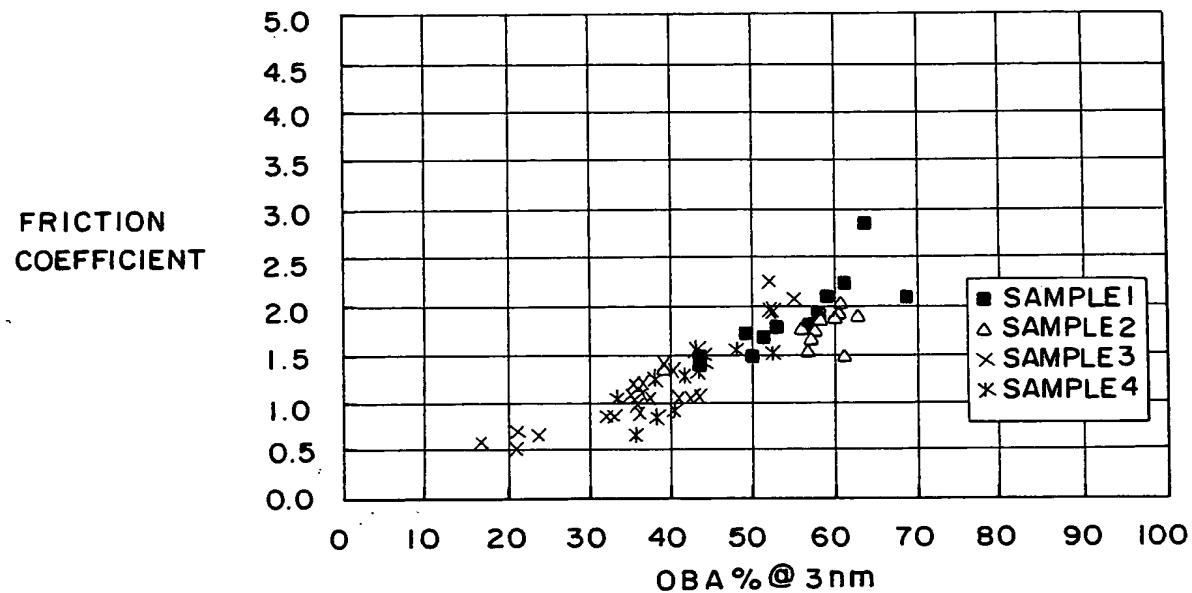


FIG.6

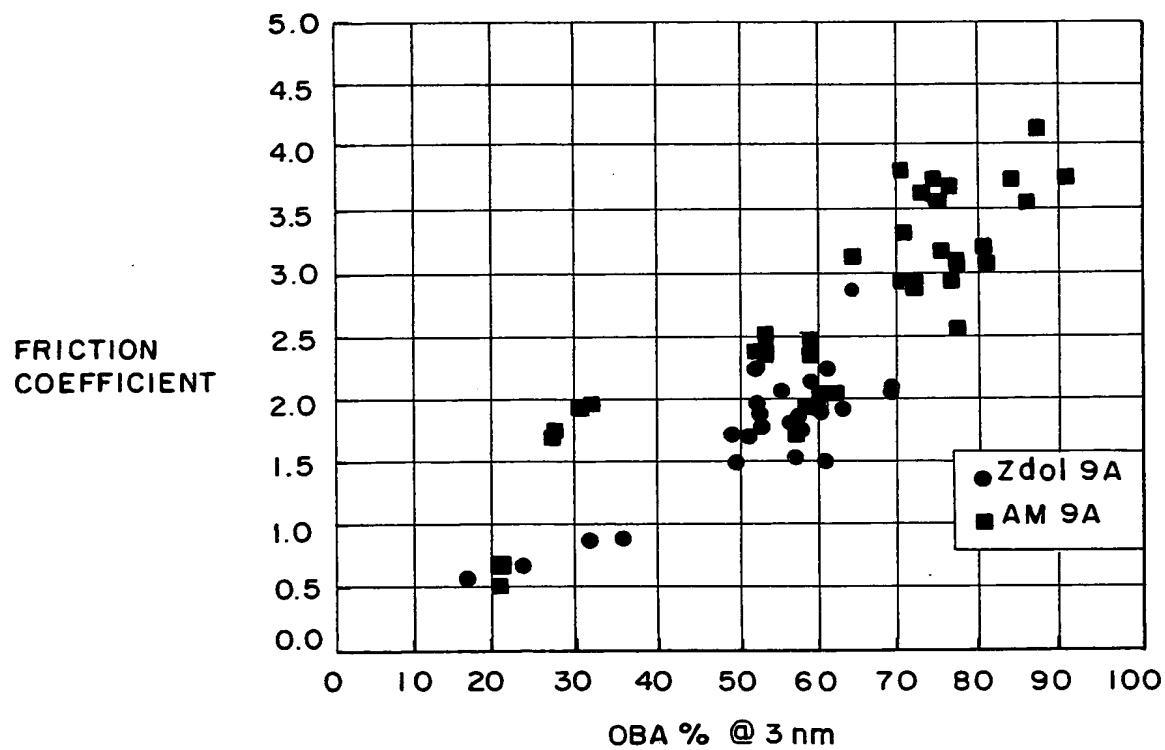


FIG. 7

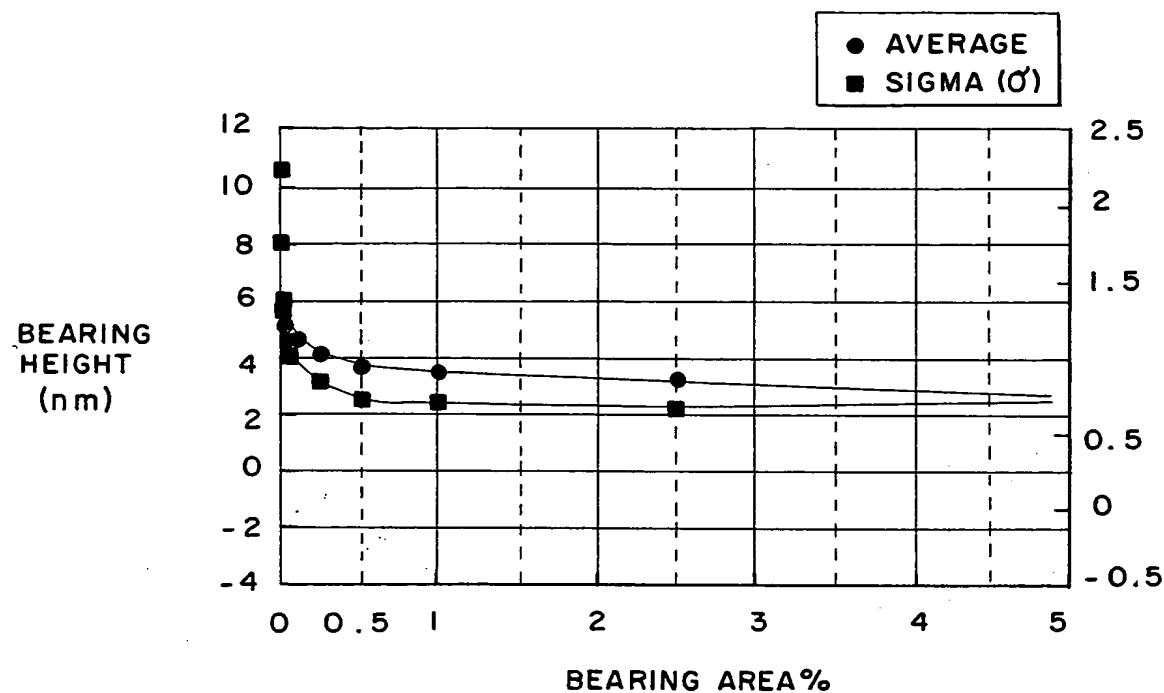


FIG. 8

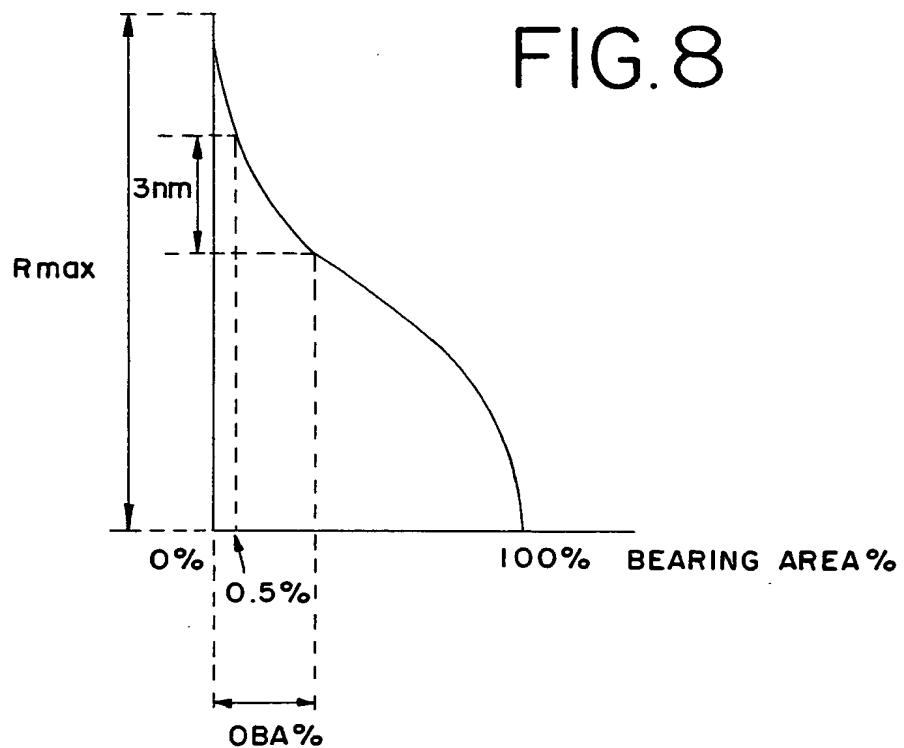


FIG.9

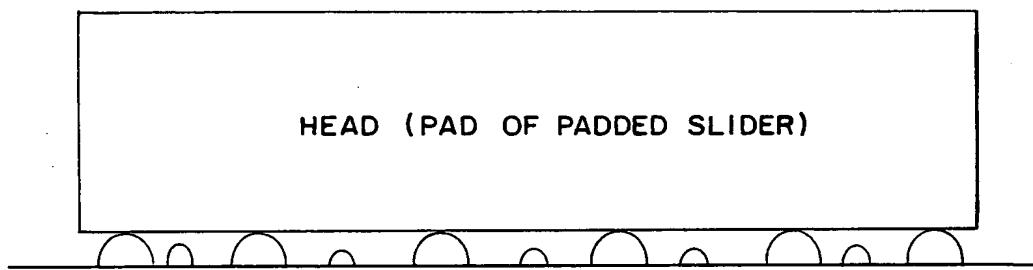


FIG.10

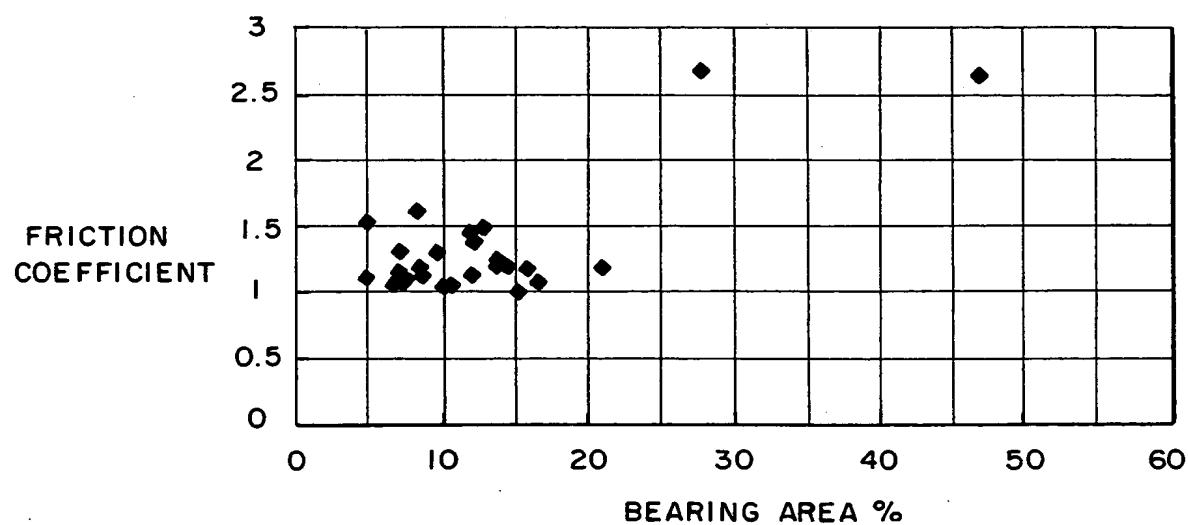


FIG. II

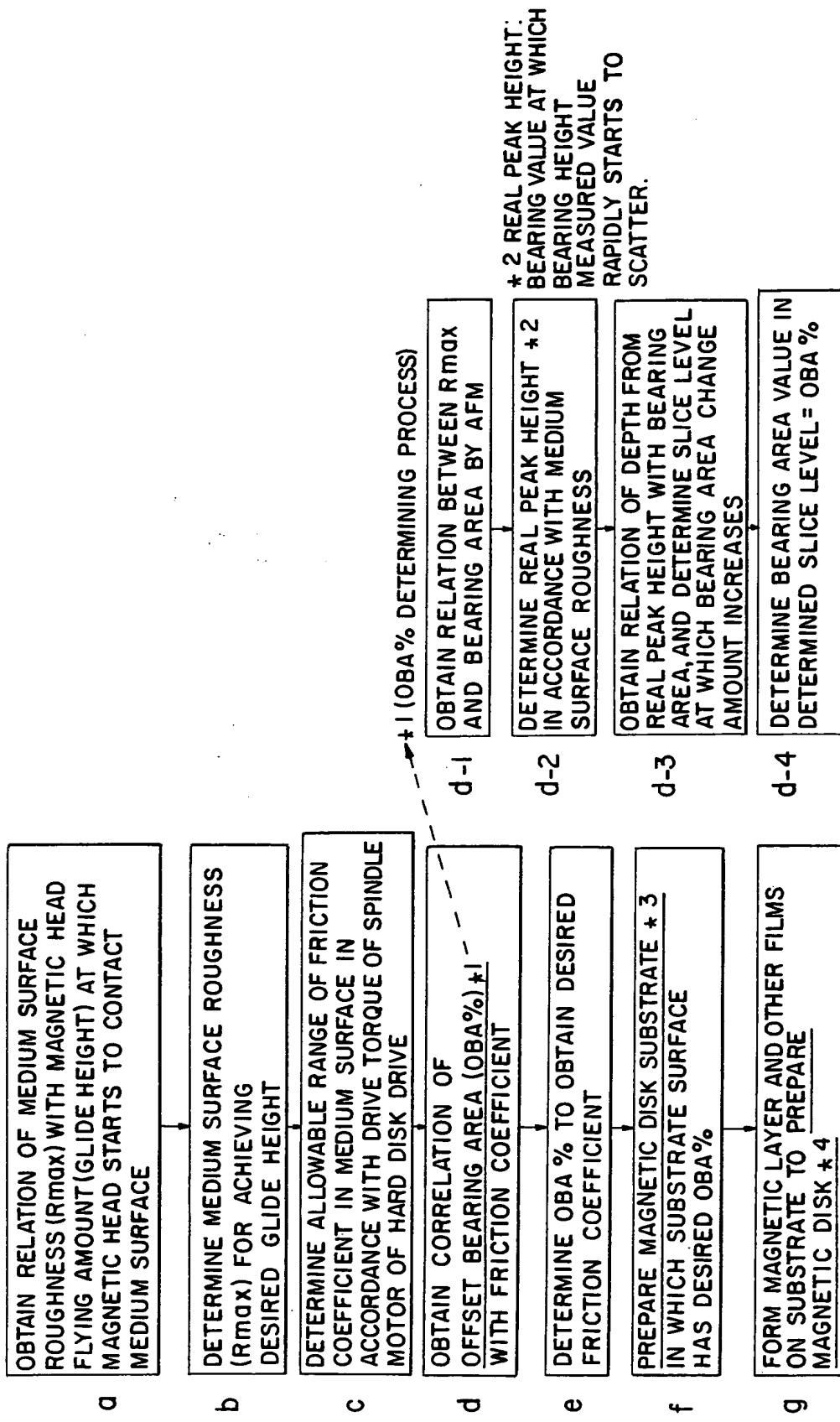


FIG. 12

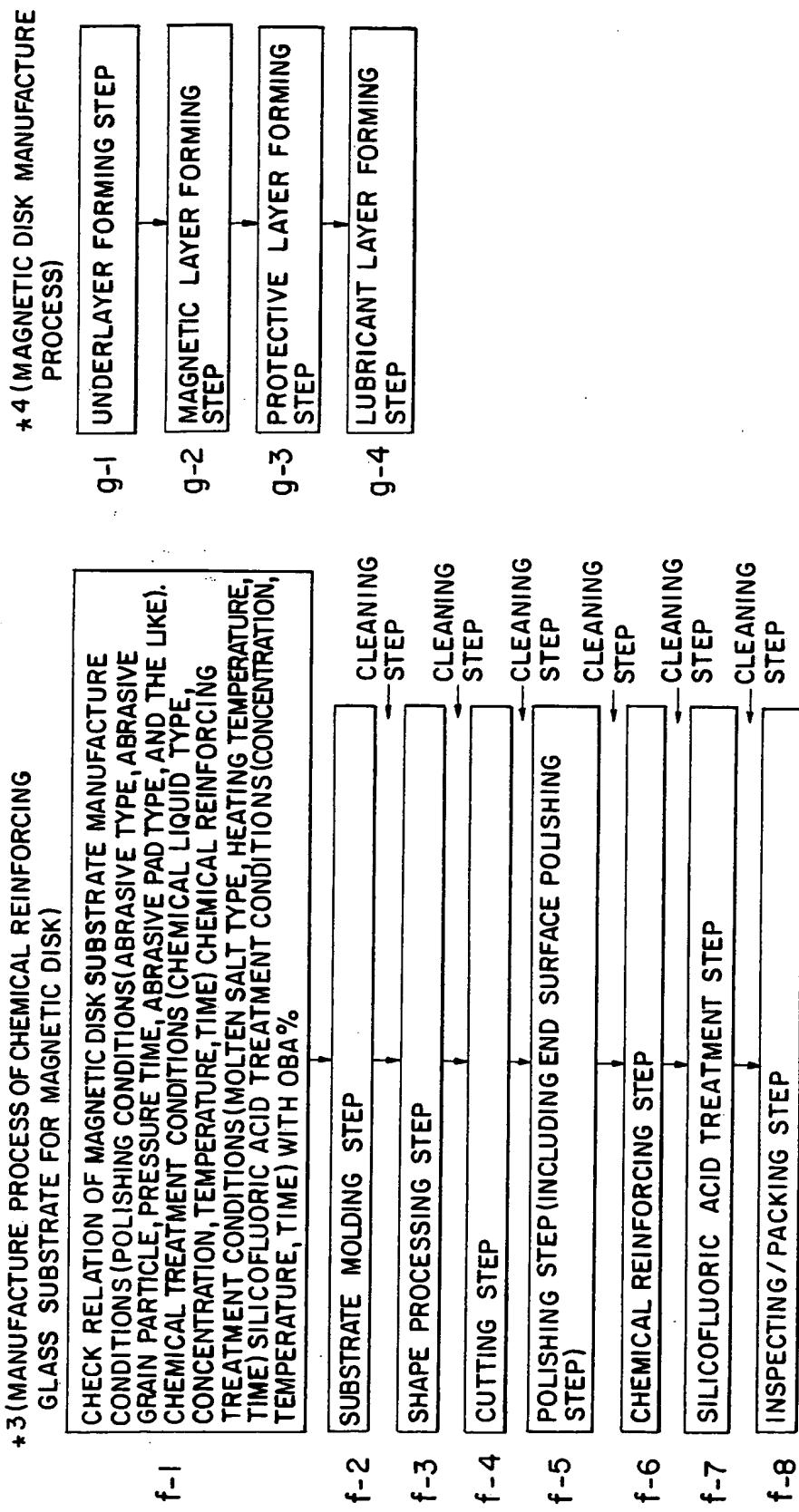


FIG.13

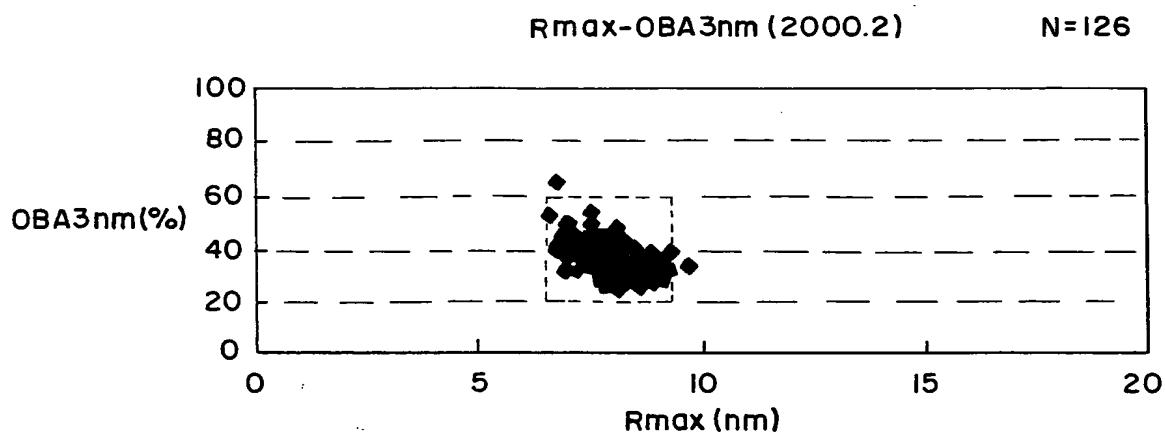


FIG.14

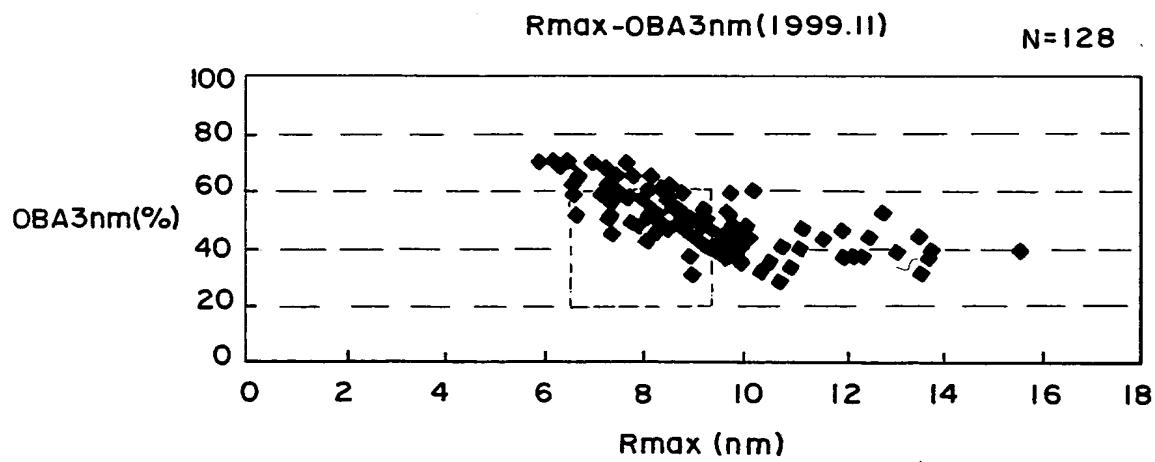
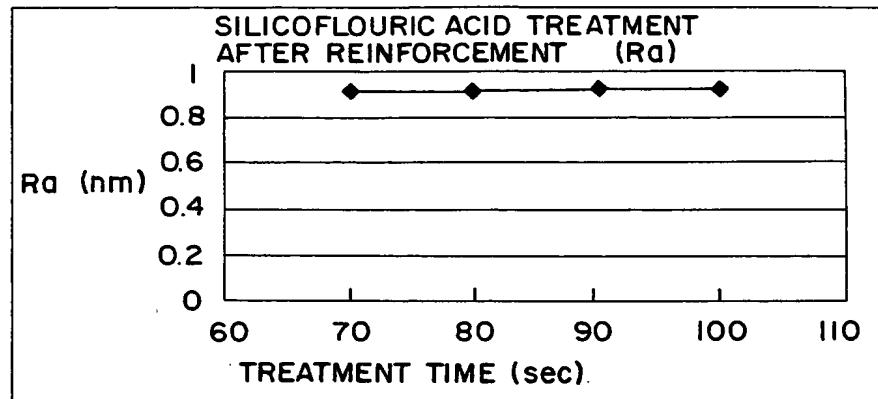
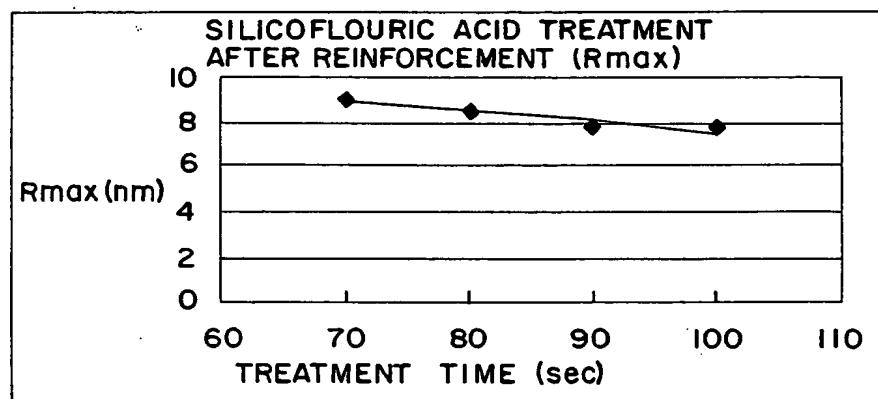


FIG.15



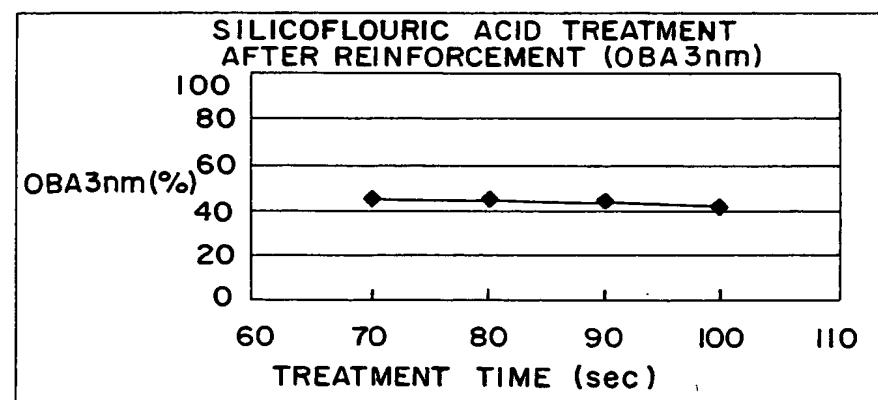
ROUGHNESS CHANGE BY H_2SiF_6 TREATMENT
AFTER CHEMICAL REINFORCEMENT (Ra)

FIG.16



ROUGHNESS CHANGE BY H_2SiF_6 TREATMENT
AFTER CHEMICAL REINFORCEMENT (Rmax)

FIG.17



ROUGHNESS CHANGE BY H_2SiF_6 TREATMENT
AFTER CHEMICAL REINFORCEMENT (OBA3nm)